# **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Previously presented) A compound of formula (I):

$$Z$$
 $A$ 
 $Y$ 
 $R^{3}$ 
 $Z$ 
formula (I)

wherein **A** is a group of formula (a) or (b):

where \* is the point of attachment to the X group of formula (I) and \*\* is the point of attachment to the Y group of formula (I);

**X** is O, S, S(O), S(O)<sub>2</sub> or  $NR^{14}$ ;

**m** is 0, 1, 2, 3 or 4;

Y is a group selected from O, NR5CO, CONR5, CR6R7CONR5 and CR6R7NR5;

**Z** is a group selected from –NR<sup>1</sup>R<sup>2</sup>;

**R**<sup>1</sup> is a group selected from –COR<sup>8</sup>, –CONR<sup>8</sup>R<sup>9</sup> and C<sub>1-6</sub>alkyl which C<sub>1-6</sub>alkyl is substituted by phosphonooxy and optionally further substituted by 1 or 2 halo or methoxy groups;

 $R^2$  is a group selected from hydrogen,  $-COR^{10}$ ,  $-CONR^{10}R^{11}$  and  $C_{1-6}$ alkyl which  $C_{1-6}$ alkyl is optionally substituted by 1, 2 or 3 halo or  $C_{1-4}$ alkoxy groups,  $-S(O)_pR^{11}$  (where p is 0, 1 or 2) or phosphonooxy, or  $R^2$  is a group selected from  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl,  $C_{3-6}$ cycloalkyl and  $C_{3-6}$ cycloalkyl $C_{1-4}$ alkyl;

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 $\mathbf{R}^3$  is a group selected from hydrogen, halo, cyano, nitro,  $C_{1-6}$ alkoxy,  $C_{1-6}$ alkyl,  $-OR^{12}$ ,  $-CHR^{12}R^{13}$ ,  $-OC(O)R^{12}$ ,  $-C(O)R^{12}$ ,  $-NR^{12}C(O)R^{13}$ ,  $-C(O)NR^{12}R^{13}$ ,  $-NR^{12}SO_2R^{13}$  and  $-NR^{12}R^{13}$ ;

**R**<sup>4</sup> is hydrogen or a group selected from C<sub>1-4</sub>alkyl, heteroaryl, heteroarylC<sub>1-4</sub>alkyl, aryl and arylC<sub>1-4</sub>alkyl which group is optionally substituted by 1, 2 or 3 substituents selected from halo, methyl, ethyl, cyclopropyl and ethynyl;

 $\mathbf{R}^5$  is a group selected from hydrogen,  $C_{1-4}$ alkyl,  $C_{2-4}$ alkenyl,  $C_{2-4}$ alkynyl,  $C_{3-6}$ cycloalkyl and  $C_{3-6}$ cycloalkyl $C_{1-4}$ alkyl;

 $\mathbf{R}^6$  and  $\mathbf{R}^7$  are independently selected from hydrogen, halo,  $C_{1-4}$ alkyl,  $C_{3-6}$ cycloalkyl, hydroxy and  $C_{1-4}$ alkoxy;

 $\mathbf{R}^{8}$  is  $C_{1-4}$ alkyl substituted by phosphonooxy and optionally further substituted by 1 or 2 halo or methoxy groups;

**R**<sup>9</sup> is selected from hydrogen and C<sub>1-4</sub>alkyl;

 $\mathbf{R}^{10}$  is selected from hydrogen and  $C_{1-4}$ alkyl which  $C_{1-4}$ alkyl is optionally substituted by halo,  $C_{1-4}$ alkoxy,  $S(O)_q$  (where q is 0, 1 or 2) or phosphonooxy;

R<sup>11</sup>, R<sup>12</sup>, R<sup>13</sup> and R<sup>14</sup> are independently selected from hydrogen, C<sub>1-4</sub>alkyl and heterocyclyl; or a pharmaceutically acceptable salt thereof.

- 2. (Cancelled)
- 3. (Currently amended) A compound according to claim [[2]]1 wherein A is a group of formula (b) as defined in claim 1; or a pharmaceutically acceptable salt thereof.
- 4. (Previously presented) A compound according to claim 1 wherein X is NH; or a pharmaceutically acceptable salt thereof.
- 5. (Cancelled)
- 6. (Previously presented) A compound according to claim 1 wherein  $R^1$  is  $C_{1-5}$ alkyl substituted by phosphonooxy and  $R^2$  is hydrogen,  $C_{1-5}$ alkyl,  $C_{2-4}$ alkynyl or  $C_{3-6}$ cycloalkyl; or a pharmaceutically acceptable salt thereof.
- 7. (Cancelled)

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- 8. (Previously presented) A compound according to claim 1 wherein R<sup>3</sup> is methoxy or hydrogen; or a pharmaceutically acceptable salt thereof.
- 9. (Previously presented) A compound according to claim 1 wherein R<sup>4</sup> is phenyl or benzyl optionally substituted by 1 or 2 of fluoro or chloro; or a pharmaceutically acceptable salt thereof.
- 10. (Currently amended) A compound selected from:
- 3-[(3-{[4-({6-[(3-chlorobenzyl)oxy]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)amino]-3-methylbutyl dihydrogen phosphate;
- 3-[(3-{[4-({6-[(3-chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)amino]-3-methylbutyl dihydrogen phosphate;
- 2-[(3-{[4-({6-[(3 chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)(ethyl)amino]ethyl dihydrogen phosphate;
- 2-[ethyl(3-{[4-({6-[(3-fluorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)amino]ethyl dihydrogen phosphate;
- 2-[(3-{[4-({6-[(3,4-difluorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)(isopropyl)amino]ethyl dihydrogen phosphate;
- 2-[(3-{[4-({6-[(3-chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy{propyl)(methyl)amino]ethyl dihydrogen phosphate;
- 2-[(5-{[4-({6-[(3-chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}pentyl)(ethyl)amino]ethyl dihydrogen phosphate;
- 4-[(3-{[4-({6-[(3-chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)(ethyl)amino]butyl dihydrogen phosphate;
- 2-[(3-{[4-({6-[(3-fluorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)(methyl)amino]ethyl dihydrogen phosphate;
- 2-[(3-{[4-({6-[(3-chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- ylloxy\propyl)(isobutyl)aminolethyl dihydrogen phosphate;
- 2-[(3-{[4-({6-[(3-chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)(cyclopropyl)amino]ethyl dihydrogen phosphate;
- 2-[(3-{[4-({6-[(3-chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- ylloxy}propyl)(cyclobutyl)aminolethyl dihydrogen phosphate;
- 2-[(3-{[4-({6-[(3-chlorobenzoyl)amino]pyridin-3-yl}amino)-6-methoxyquinazolin-7-
- yl]oxy}propyl)(prop-2-yn-1-yl)amino]ethyl dihydrogen phosphate;

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2-[(3-{[4-({2-[(3-chloro-4-fluorobenzoyl)amino]pyrimidin-5-yl}amino)-6-methoxyquinazolin-7-yl]exy}propyl)(cyclohexyl)amino]ethyl dihydrogen phosphate;

2-[(3-{[4-({2-[(3-chloro-4-fluorobenzoyl)amino]pyrimidin-5-yl}amino)-6-methoxyquinazolin-7-yl]exy}propyl)(ethyl)amino]ethyl dihydrogen phosphate;

3-[(3-[[4-({2-[(3-chloro-4-fluorobenzyl)oxy]pyrimidin-5-yl}amino)-6-methoxyquinazolin-7-yl]oxy]propyl)amino]-3-methylbutyl dihydrogen phosphate;

2-[(3-{[4-({2-[(3-chlorobenzoyl)amino]pyrimidin-5-yl}amino)-6-methoxyquinazolin-7-yl]oxy}propyl)(2,2-dimethylpropyl)amino]ethyl dihydrogen phosphate; or a pharmaceutically acceptable salt thereof.

11. (Previously presented) A pharmaceutical composition comprising a compound according to claim 1 or a pharmaceutically acceptable salt thereof in association with a pharmaceutically acceptable diluent or carrier.

#### 12.-15. (Cancelled)

- 16. (Withdrawn) A method of treating a human suffering from a disease in which the inhibition of one or more Aurora kinases is beneficial to the treatment, comprising the steps of administering to a person in need thereof a therapeutically effective amount of a compound according to claim 1 or a pharmaceutically acceptable salt thereof.
- 17. (Withdrawn) A method of treating a human suffering from colorectal, breast, lung, prostate, pancreatic or bladder and renal cancer or leukemias or lymphomas, comprising the steps of administering to a person in need thereof a therapeutically effective amount of a compound according to claim 1 or a pharmaceutically acceptable salt thereof.
- 18. (Currently amended) A process for the preparation of a compound of formula (I) claim 1 or a pharmaceutically acceptable salt thereof, which process comprises converting a compound of formula (II) into a compound of formula (I) by phosphorylation of an appropriate hydroxy group:

formula (II)

where A, X, m, Y,  $R^3$  and  $R^4$  are as defined for formula (I); and Z' is a group selected from -NR¹'R²';  $R^1$ ' is a group selected from -COR8', -CONR8'R9 and  $C_{1-6}$ alkyl which  $C_{1-6}$ alkyl is substituted by hydroxy and optionally further substituted by 1 or 2 halo or methoxy groups;  $R^2$ ' is a group selected from hydrogen, -COR¹0, -CONR¹0R¹1 and  $C_{1-6}$ alkyl which  $C_{1-6}$ alkyl is optionally substituted by 1, 2 or 3 halo or  $C_{1-4}$ alkoxy groups, -S(O)<sub>p</sub>R¹1 (where p is 0, 1 or 2) or hydroxy, or  $R^2$ ' is a group selected from  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl,  $C_{3-6}$ cycloalkyl and  $C_{3-6}$ cycloalkyl $C_{1-4}$ alkyl; and where  $R^8$ ' is  $C_{1-4}$ alkyl substituted by hydroxy and optionally further substituted by 1 or 2 halo or methoxy groups:

and thereafter if necessary:

- i) converting a compound of the formula (I) into another compound of the formula (I); and/or ii) removing any protecting groups; and/or
- [[#]]i) forming a pharmaceutically acceptable salt thereof.
- 19. (Withdrawn) The method according to claim 16 wherein Aurora kinase is Aurora-A kinase or Aurora-B kinase.
- 20. (Previously presented) A compound according to claim 1 wherein **A** is a group of formula (b):

where \* is the point of attachment to the X group of formula (I) and \*\* is the point of attachment to the Y group of formula (I);

X is NH:

**m** is 0, 1, 2, 3 or 4;

Y is a group selected from O, NR<sup>5</sup>CO, CONR<sup>5</sup>, CR<sup>6</sup>R<sup>7</sup>CONR<sup>5</sup> and CR<sup>6</sup>R<sup>7</sup>NR<sup>5</sup>;

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**Z** is a group selected from –NR<sup>1</sup>R<sup>2</sup>;

**R**<sup>1</sup> is a group selected from –COR<sup>8</sup>, –CONR<sup>8</sup>R<sup>9</sup> and C<sub>1-6</sub>alkyl which C<sub>1-6</sub>alkyl is substituted by phosphonooxy and optionally further substituted by 1 or 2 halo or methoxy groups;

 ${\bf R}^2$  is a group selected from hydrogen,  $-{\sf COR}^{10}$ ,  $-{\sf CONR}^{10}{\sf R}^{11}$  and  ${\sf C}_{1-6}$ alkyl which  ${\sf C}_{1-6}$ alkyl is optionally substituted by 1, 2 or 3 halo or  ${\sf C}_{1-4}$ alkoxy groups,  $-{\sf S}({\sf O})_p{\sf R}^{11}$  (where p is 0, 1 or 2) or phosphonooxy, or  ${\sf R}^2$  is a group selected from  ${\sf C}_{2-6}$ alkenyl,  ${\sf C}_{2-6}$ alkynyl,  ${\sf C}_{3-6}$ cycloalkyl and  ${\sf C}_{3-6}$ cycloalkyl ${\sf C}_{1-4}$ alkyl;

 $R^3$  is a group selected from hydrogen, halo, cyano, nitro,  $C_{1-6}$ alkoxy,  $C_{1-6}$ alkyl,  $-OR^{12}$ ,  $-CHR^{12}R^{13}$ ,  $-OC(O)R^{12}$ ,  $-C(O)R^{12}$ ,  $-NR^{12}C(O)R^{13}$ ,  $-C(O)NR^{12}R^{13}$ ,  $-NR^{12}SO_2R^{13}$  and  $-NR^{12}R^{13}$ ;

R<sup>4</sup> is phenyl or benzyl optionally substituted by 1 or 2 of fluoro or chloro;

 $\mathbf{R}^5$  is a group selected from hydrogen,  $C_{1-4}$ alkyl,  $C_{2-4}$ alkenyl,  $C_{2-4}$ alkynyl,  $C_{3-6}$ cycloalkyl and  $C_{3-6}$ cycloalkyl $C_{1-4}$ alkyl;

 $\mathbf{R}^6$  and  $\mathbf{R}^7$  are independently selected from hydrogen, halo,  $C_{1-4}$ alkyl,  $C_{3-6}$ cycloalkyl, hydroxy and  $C_{1-4}$ alkoxy;

**R**<sup>8</sup> is C<sub>1-4</sub>alkyl substituted by phosphonooxy and optionally further substituted by 1 or 2 halo or methoxy groups;

**R**<sup>9</sup> is selected from hydrogen and C<sub>1-4</sub>alkyl;

 $\mathbf{R}^{10}$  is selected from hydrogen and  $C_{1-4}$ alkyl which  $C_{1-4}$ alkyl is optionally substituted by halo,  $C_{1-4}$ alkoxy,  $S(O)_q$  (where q is 0, 1 or 2) or phosphonooxy;

 $\mathbf{R}^{11}$ ,  $\mathbf{R}^{12}$  and  $\mathbf{R}^{13}$  are independently selected from hydrogen,  $C_{1-4}$ alkyl and heterocyclyl; or a pharmaceutically acceptable salt thereof.

21. (Currently amended) A compound according to claim 1, wherein:

A is a group of formula (a) or (b):

where \* is the point of attachment to the X group of formula (I) and \*\* is the point of attachment to the Y group of formula (I);

X is NH:

**m** is 0, 1, 2, 3 or 4;

Y is O, NR<sup>5</sup>CO or CR<sup>6</sup>R<sup>7</sup>NR<sup>5</sup>

 $\mathbf{Z}$  is  $-NR^1R^2$ 

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# **R**<sup>1</sup> is C<sub>1-5</sub>alkyl substituted by phosphonooxy;

 $\mathbf{R}^2$  is a group selected from hydrogen,  $C_{1-6}$ alkyl which  $C_{1-6}$ alkyl is optionally substituted by 1, 2 or 3 halo or  $C_{1-4}$ alkoxy groups,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl,  $C_{3-6}$ cycloalkyl and  $C_{3-6}$ cycloalkyl $C_{1-4}$ alkyl;

 $\mathbf{R}^3$  is  $C_{1-4}$ alkoxy or hydrogen;

**R**<sup>4</sup> is phenyl or benzyl optionally substituted by 1 or 2 of fluoro or chloro;

R⁵ is hydrogen or methyl; and

**R**<sup>6</sup> and **R**<sup>7</sup> are independently hydrogen, fluoro, chloro or methyl; or a pharmaceutically acceptable salt thereof.

# 22. (Cancelled)

23. (Previously presented d) A pharmaceutical composition comprising a compound according to claim 10 or a pharmaceutically acceptable salt thereof in association with a pharmaceutically acceptable diluent or carrier.